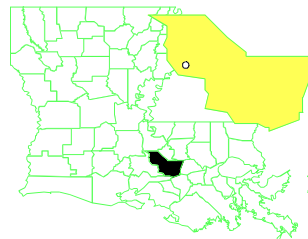


BAYOU SORREL SUPERFUND SITE
Iberville Parish, Louisiana

EPA Region 6
EPA ID# LAD980745541
State Congressional District: 6
Fact Sheet Updated: November 2002
Next Update: January 2003



SITE DESCRIPTION _____

Location: ! 20 miles SW of Baton Rouge, six miles north of the Town of Bayou Sorrel.
 ! Section 40-43, Township 10 South, Range 10 East, in Iberville Parish, Louisiana.

Population: ! Approximately 100 year round residents within 5 miles of site.

Setting: ! 50 acres of the 256 total site acreage used for wastes dumping.
 ! Site is surrounded by remote back swamp environment.

Hydrology: ! 75-125 feet of clays & silts beneath site.
 ! Below clays - sand, gravels & silts possibly to 700 ft. below land surface.
 ! This sand, silt and gravel layer is the Plaquemine aquifer.
 ! Ground water withdrawal from the Plaquemine aquifer is minimal, due to low population density and poor ground water quality.

PRESENT STATUS AND ISSUES _____

! The site is currently in operation & maintenance where groundwater monitoring will continue to ensure protectiveness of the EPA cleanup actions.

WASTES AND VOLUMES _____

Primary Contaminants:

! Process wastes from pesticide/herbicide manufacturing.
! Sulfide-containing wastes from hydrocarbon processing and exploration.
! Spent wash from boiler and process-equipment cleaning.

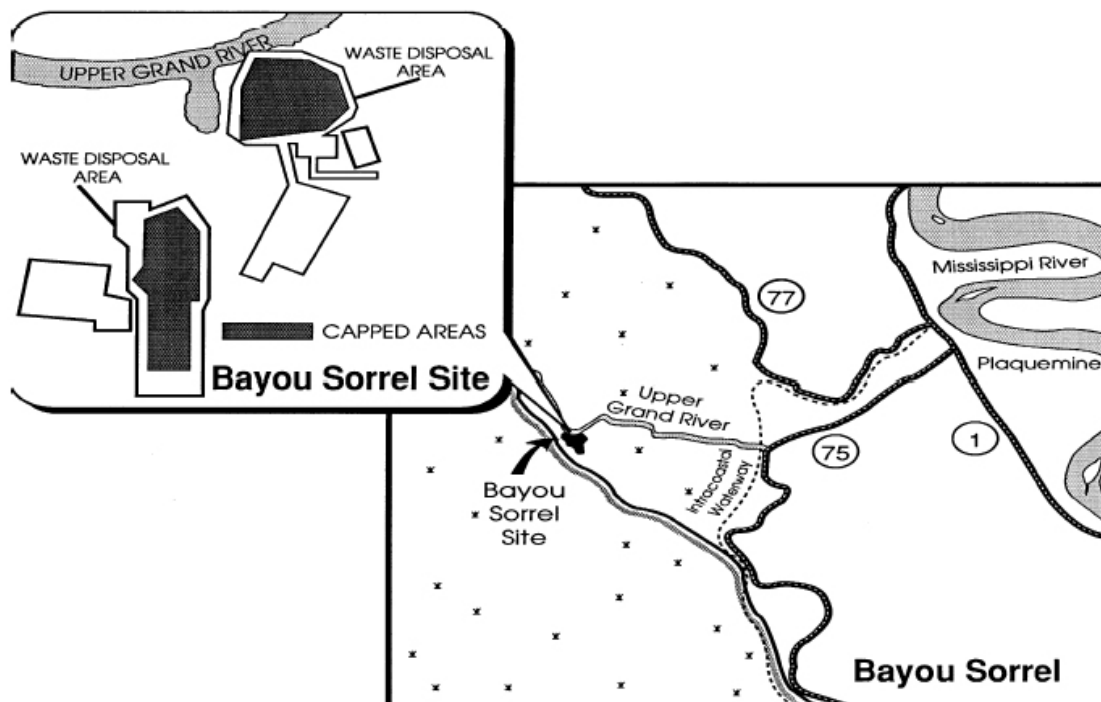
Volume:

! Approximately 1,000,000 cubic feet of contaminated soil and sediments.

NATIONAL PRIORITIES LIST

NPL Inclusion Proposal Date: December 30, 1982
NPL Inclusion Final Date: September 8, 1983
NPL Deletion Proposal Date: June 4, 1997
NPL Deletion Final Date: September 29, 1997

SITE MAP



SITE HISTORY

- ! 1977-1978: Site received wastes from Petrochemical Industries in LA, TX, AR, and MS. Site operated by EPAC, Inc., sister Company of CLAW, Inc. (Injection well)
- ! 1978-1979: Site closure overseen by Louisiana after death of a truck driver.
- ! 1981-1982: Louisiana Department of Environmental Quality (LDEQ) investigates site after complaints from area residents. EPA investigates, places site on NPL.
- ! 1983: Steering committee of 23 main waste contributors is formed. Other smaller parties later entered de minimis settlements with EPA.
- ! 1984-1986: Site studies and cleanup plan developed.
- ! 1987: Site soil cleanup plan negotiated.
- ! 1988-1989: Consent decree signed between parties for remedial design and remedial

- ! action (RD/RA). Remedial construction begins. Protective caps and slurry walls installed.
- ! 1990: Construction completed. Operations and Maintenance begins.
- ! Sep 30, 1993: The first 5-Year Review was completed.
- ! Sep 22, 1998: The second 5-Year Review was completed.

ENFORCEMENT HISTORY ---

- ! March 17, 1988: Consent Decree with settling PRPs for RD/RA lodged. \$800,000 for response costs prior to June 15, 1987 and up to \$1,885,000 for future oversight costs.
- ! July 26, 1989: Consent Decree with BFI for \$185,000 lodged.
- ! 1992: DOJ Referral issued for cost recovery from Cyril Hinds, recalcitrant former owner/operator.

HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT ---

- ! Direct Contact: Human exposure to contaminated soil/sediment.
- ! Ground Water: Human ingestion of contaminated source.
- ! Surface Water: Human ingestion of contaminated source.
- ! Same risks as above with respect to aquatic organisms and on site game animals.

RECORD OF DECISION ---

Signed November 20, 1986.

The ROD's remedy called for:

- ! Geomembrane cap with slurry walls, gas venting systems, and ground water monitoring.
- ! Remedy cost estimate: \$28,700,000.
- ! Other Remedies Considered and Reason Not Chosen: 1. On site incineration (Takes 10-30 years, >\$200M); 2. Off site RCRA landfill (Cost prohibitive); 3. No Action (Not protective); 4. Clay cap without geomembrane (Poor long-term effectiveness)

COMMUNITY INVOLVEMENT ---

- ! Community Involvement Plan: Developed 06/84, revised 07/90.
- ! Open houses and workshops: 9/18/90, 9/91 (reconnaissance visit in preparation for ribbon cutting)
- ! Proposed Plan Fact Sheet and Public Meeting: 01/86.
- ! Milestone Fact Sheets: 7/88, 3/89, 3/90, 9/90, 6/4/97
- ! Citizens on site mailing list: 75
- ! Constituency Interest: Citizens supportive of EPA's efforts.
- ! Site Repository: Iberville Parish Library, Louisiana.

TECHNICAL ASSISTANCE GRANT

- ! Availability Notice: 02/13/89
- ! Letters of Intent Received: None
- ! Grant Award: N/A

SITE CONTACTS

EPA Remedial Project Manager:	Stephen Tzhone	214.665.8409 or 800.533.3508
EPA Site Attorney:	Joseph Compton	214.665.8506 or 800.533.3508
EPA Region 6 Ombudsman:	Arnold Ondarza	800.533.3508
LDEQ Louisiana State Contact:	Rich Johnson	225.765.0487 or 800.763.5424

REALIZED CLEANUP BENEFITS

- ! Over 1 million cubic feet of waste have been contained in a slurry walled, multi-layered clay cap system. All contaminants have been contained and exposure potential has been eliminated.
- ! The remedy ensures protection of nearby sensitive environmental areas as well as protection of underlying aquifer used by thousands of people in the Parish.
- ! The remedy includes extensive monitoring to ensure protectiveness is maintained.
- ! The EPA continues to monitor the site to ensure that the site is safe and no longer poses a threat to public health or the environment.